

extracting required data from among received digital signal data to form extracted data;

decoding the extracted required data using a predetermined decoding key to form decoded data;

determining whether the decoded data meets a predetermined standard; and

deleting the decoded data when it is determined that the decoded data does not meet the predetermined standard.

a' --2. (Amended) The data receiving method according to Claim 1, wherein said received digital signal data include computer-processible data.

--3. (Amended) The data receiving method according to Claim 2, wherein in the of decoding includes decoding in real time for each packet of the extracted data.

--4. (Amended) The data receiving method according to Claim 3, wherein the step of determining includes determining whether decoding has been performed meeting the predetermined standard in real time for each packet of the extracted data.

--5. (Amended) The data receiving method according to Claim 1, wherein the step of determining includes determining whether a result of decoding a decoding diagnosis code added to each packet of the extracted data is coincident with a code used at a transmitting side.

--6. (Amended) The data receiving method according to Claim 5, wherein said decoding diagnosis code is a constant.

--7. (Amended) The data receiving method according to Claim 4, wherein in the step of deleting, data which has not been decoded to meet the predetermined standard in real time is deleted in real time.

a' --8. (Amended) The data receiving method according to Claim 1, comprising the further step of determining that address data included in said received digital signal data is directed to a receiving side at which the data receiving method is used, before performing the step of decoding.

--9. (Amended) The data receiving method according to Claim 1, wherein said predetermined decoding key is set by an external input.

--10. (Amended) The data receiving method according to Claim 1, wherein when said predetermined decoding key does not exist upon decoding a packet of the extracted data, the packet is deleted.

--11. (Amended) The data receiving method according to Claim 1, wherein a key identical to a key used at a transmitting side for transmitting the digital signal data is used as said predetermined decoding key.

--12. (Amended) The data receiving method according to Claim 1, further comprising the step of outputting only data treated as have been decoded to meet the predetermined standard.

--13. (Amended) A data receiving unit, comprising:
receiving means for receiving signals;
converting means for converting signals received by said receiving means into digital signal data;

data extracting means for extracting required data from among said digital signal data obtained by said converting means to form extracted data;

decoding-key-setting means for setting a decoding key required for decoding the extracted data;

decoding means for decoding the extracted data by using the decoding key set by said decoding-key-setting means to form decoded data;

examination means for examining the decoded data decoded by said decoding means based on a predetermined standard; and

deletion means for deleting data determined by said examination means as have not been decoded to meet the predetermined standard.

--14. (Amended) The data receiving unit according to Claim 13, wherein data included in the signals received by said receiving means are computer-processible data.

--15. (Amended) The data receiving unit according to Claim

14, wherein said decoding means decodes each packet of the extracted data in real time.

--16. (Amended) The data receiving unit according to Claim 15, wherein said examination means examines whether each packet of the extracted data has been decoded to meet the predetermined standard.

a' --17. (Amended) The data receiving unit according to Claim 13, wherein said examination means examines whether a result of decoding a decoding diagnosis code added to each packet of the extracted data is coincident with a code used at a transmitting side.

--18. (Amended) The data receiving unit according to Claim 17, wherein said decoding diagnosis code is a constant.

--19. (Amended) The data receiving unit according to Claim 16, wherein said deletion means deletes, in real time, data which has not been decoded according to the predetermined standard in real time.

--20. (Amended) The data receiving unit according to Claim 13, wherein when said decoding means determines that address data included in the converted data from said converting means is directed to said data receiving unit, said decoding means performs decoding.